

ABSTRACT

A method for preparing a cultured mammalian cell extract liquid, comprising at least the step of rapidly freezing a cultured mammalian cell suspended in a solution for extraction; a cultured mammalian cell extract liquid prepared by the process; and a method for cell-free protein synthesis using the extract liquid. Preferably, the method for cell-free protein synthesis comprises the step of prior to conducting of synthetic reaction, effecting incubation of a reaction liquid for cell-free protein synthesis in a state of containing components other than exogenous mRNA for a specified period of time.